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(54) Title: ADMISSION CONTROL METHOD		
(57) Abstract		
<p>The invention is related to radio resource usage in cellular telecommunication systems, more accurately to admission control methods used in establishing of new connections. In a method according to the invention, a bearer request is checked with two different tests before it is admitted or rejected. A test of a first kind is used for overall control, i.e. all bearers are treated in a roughly similar way. A test of a second kind is used for controlling bearers, which present a high load to the network. A bearer request must then pass a combination of a test of the first kind and a test of the second kind in order to be admitted. A two-part test according to the invention is able to efficiently handle both even and skewed traffic.</p>		
<pre> graph TD START([START]) --> Q1{ADMISSIBLE ACCORDING TO A TEST OF THE FIRST KIND ?} Q1 -- NO --> END([END]) Q1 -- YES --> Q2{ADMISSIBLE ACCORDING TO A TEST OF THE SECOND KIND ?} Q2 -- NO --> REFUSE[REFUSE THE REQUEST] Q2 -- YES --> ADMIT[ADMIT THE BEARER] ADMIT --> END REFUSE --> END </pre> <p>The flowchart illustrates the admission control process. It begins with a 'START' node, followed by a decision diamond 'ADMISSIBLE ACCORDING TO A TEST OF THE FIRST KIND ?'. If the answer is 'NO', the process ends. If the answer is 'YES', it proceeds to a second decision diamond 'ADMISSIBLE ACCORDING TO A TEST OF THE SECOND KIND ?'. If the answer is 'NO', the request is refused and the process ends. If the answer is 'YES', the bearer is admitted, and the process ends.</p>		